ABSTRACT

1   A method and system for optimizing a mobile radio network

2   topology for an N node network where each node has K

3   connecting links. A base network topology is established

4   and a cost value is determined for the base network. It

5   is determined if all possible local transformations on

6   the base network topology have been performed and if not

7   a local transformation is performed on the base network

8   to form a transformed network. A cost is calculated for

9   the transformed network and the cost is compared with the

10 cost of a base network. The transformed network is

11 established as the base network if the cost of the

12 transformed network is less than the cost of the base

13 network.